Honeywell

TrueDRY™ DR65

Ventilating Dehumidification System

SPECIFICATION DATA

DR65 Capacities and Performance

Part Number:	DR65
Blower:	160 CFM @ 0.0 in. WG 100 CFM @ 0.6 in. WG
Supply Voltage:	120 VAC; 60 Hz.
Amps:	5.2 A
Power transformer to R/C terminals:	24 VAC, 0.85A
Energy performance:	2.22 liters (4.7 pints) per kilowatt hour (KWH)
Refrigerant:	R-410A
Operating Temp Range (outside cabinet):	34 – 135 ºF (1.1 – 57.2 ºC)

Capacity:
21 pints/day (60 ºF [15.6 ºC], 60 %RH)
42 pints/day (70 ºF [21.1 ºC], 60 %RH)
65 pints/day (80 ºF [26.7 ºC], 60 %RH)

Coverage:	Up to 1800 sq. ft.
Duct Connections:	8 in. Round Inlet 8 in. Round Outlet (ABS Plastic)
Filter Efficiency:	Standard MERV-11
Drain Connection:	3/4 in. threaded female NPT, with attached 3/4 in. threaded male NPT

Dimensions (See Fig. 1):

Width:	12 in.
Height:	12 in.
Length:	28-1/2 in. (with collars)
Weight:	55 lbs (25 Kg)

Shipping Specs

Width:	15 in.
Height:	16 in.
Length:	31 in. (with collars)
Weight:	65 lbs (30 Kg)

Optional Parts

Compressor overload:	50049537-001
Compressor relay DPDT 24 VAC, 30A:	50049537-002
Run capacitor, 35 MFD:	50049537-003
8-in. Duct Collar:	50049537-004
Filter:	50049537-005
Fan:	50033205-004
Fan relay, SPDT, 24 VAC, 15A:	50035445-011
Transformer 120/24 VAC, 40VA:	50035445-013

ETL Listed. Energy Star Rated. Conforms to UL Std. 474.

For more information call 1-800-468-1502 or visit our website at customer.honeywell.com.

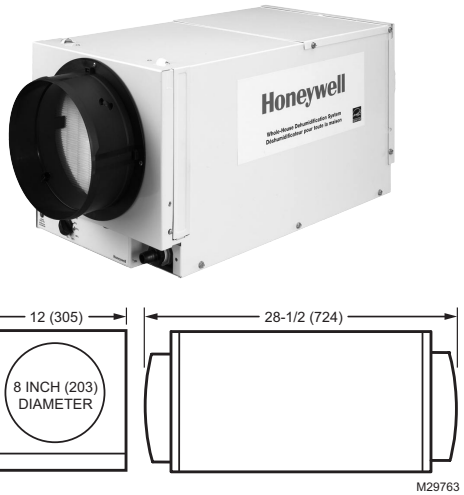

Fig. 1. Dimensions in. (mm).

The Honeywell TrueDRY DR65 ensures the home is maintained at proper humidity levels through its high performance and efficiency.

- Remove up to 65 pints (30.8 L) of water per day from the indoor air
- LED light interface
- No additional wiring to an external control
- Air Filtration

Dehumidification

The TrueDRY DR65 dehumidifier utilizes refrigeration and internal air circulation to cool the incoming air stream below its dew point. This cooled and drier air is used to pre-cool the incoming air stream resulting in a significant increase in overall efficiency.

After helping to cool the incoming air, the processed air is reheated by passing through the condenser coil. The heat removed by the evaporator coil is returned to the air stream, resulting in an overall temperature increase to the processed air.

The TrueDRY DR65 is controlled by a variety of 24 volt remote wired controls.

LED light interface

Feedback on operation and maintenance provided via intuitive on-board LED light interface.

No additional wiring to an external control

Built-in humidity control requires no additional writing to an external control. Just plug in and go! Choice of external control options also available for centrally ducted control

Air Filtration

The TrueDRY DR65 includes air filtration to keep the DR65's condenser coils clean. A MERV-11 media filter is standard.

Dimensions: 1 in. (D) x 9 in. (H) x 11 in. (W)

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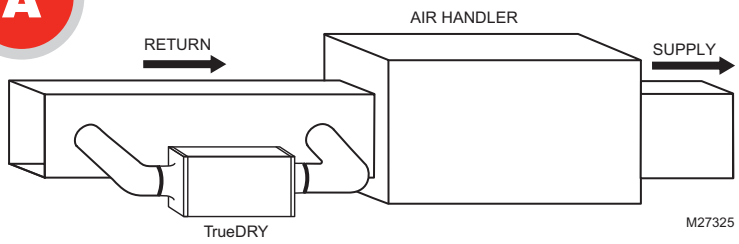
Installation Recommendations and Options

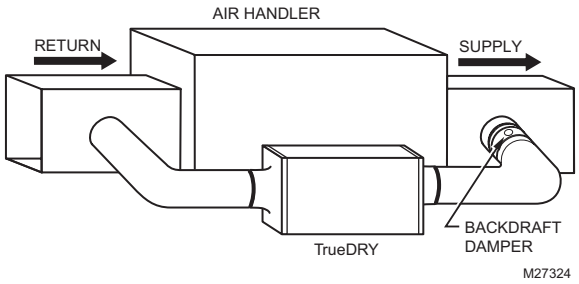
A Main Return to Main Return



Ideal when…

- Running TrueDRY DR65 with A/C operation.
- Minimizing discharge air temperature (DAT) increase is preferred.
- Space dictates.

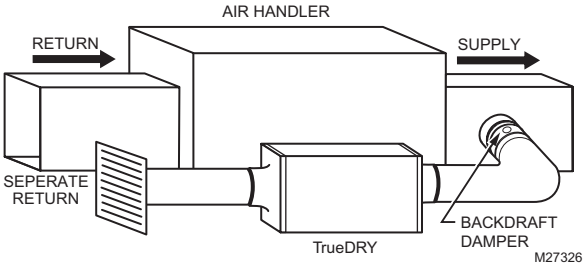
B Main Return to Main Supply



Ideal when…

- Running TrueDRY DR65 opposite A/C operation.
- Running with A/C operation requires damper on the exhaust port to minimize backdraft when TrueDRY DR65 is not on but A/C is.
- Minimizing DAT increase is preferred.
- Space dictates.

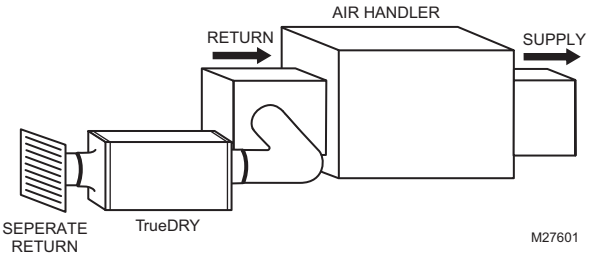
C Dedicated Return to Main Supply



Ideal when…

- Drying a specific area of the house.
- Running with A/C operation requires backdraft damper on the exhaust port to minimize backdraft when TrueDRY DR65 is not on but A/C is.
- Minimizing DAT increase is preferred.

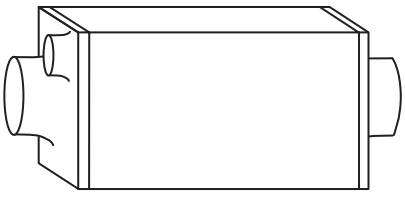
D Dedicated Return to A/C Return



Ideal when…

- Running TrueDRY DR65 with A/C operation.
- Drying a specific area of the house.
- Minimizing DAT increase is preferred.

E Unducted



Ideal when…

- Drying a specific conditioned or unconditioned area, such as attic, basement, or crawl space.
- Balanced dehumidification is needed without ventilation.
- Minimizing DAT is not a concern.

Automation and Control Solutions

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